

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BETA-AMYRIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Zea mays</i>	Shoot				--
<i>Vitis vinifera</i>	Stem				--
<i>Vitis vinifera</i>	Leaf				--
<i>Vitellaria paradoxa</i>	Plant				--
<i>Vitellaria paradoxa</i>	Seed Oil				Itoh, O., Uetsuki, T., Tamura, T., Matsumoto, A. 1980. Characterization of Triterpene Alcohols of Seed Oils From Some Species of Theaceae, Phytolaccaceae and Sapotaceae. <i>Lipids</i> 15 6: 407-411.
<i>Viscum album</i>	Resin, Exudate, Sap				--
<i>Viburnum opulus</i>	Root Bark				--
<i>Viburnum opulus</i>	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Viburnum prunifolium</i>	Root Bark				--
<i>Viburnum prunifolium</i>	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Vernonia cinerea</i>	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Verbascum thapsus</i>	Root				--
<i>Verbascum thapsus</i>	Leaf				--
<i>Verbascum thapsus</i>	Seed				--
<i>Verbascum thapsus</i>	Stem				--
<i>Vaccinium myrtillus</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Ulex europaeus</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Tussilago farfara</i>	Leaf				--
<i>Triticum aestivum</i>	Seed				--
<i>Trilisa odoratissima</i>	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Tilia</i> sp.	Leaf				--
<i>Thevetia peruviana</i>	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
<i>Teucrium chamaedrys</i>	Plant				Abstract (See species file)
<i>Teucrium scordium</i>	Plant				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Teucrium polium</i>	Plant				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Terminalia arjuna</i>	Leaf				Chauhan, S. M. S., Parkash, S., Kaushik, R. 1997. Isolation of 3-beta-hydroxyolean-12-ene and Related Triterpenoids from the Leaves of <i>Terminalia arjuna</i> . Indian J. Chem. 36B 3: 297-298.
<i>Taraxacum officinale</i>	Root				--
<i>Taraxacum officinale</i>	Flower				--
<i>Swertia chirata</i>	Plant				--
<i>Spartium junceum</i>	Flower				--
<i>Sesamum indicum</i>	Seed Oil				--
<i>Sarracenia purpurea</i>	Root				--
<i>Sarracenia purpurea</i>	Shoot				--
<i>Sarcostemma acidum</i>	Plant				--
<i>Sambucus nigra</i>	Flower				--
<i>Salvia officinalis</i>	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Salvia officinalis</i>	Leaf		1000.0		--
<i>Rubus fruticosus</i>	Plant				--
<i>Rubus fruticosus</i>	Leaf				--
<i>Rosmarinus officinalis</i>	Plant				--
<i>Rosmarinus officinalis</i>	Shoot		13.0		--
<i>Ricinus communis</i>	Leaf				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
<i>Rhododendron ferrugineum</i>	Leaf				--
<i>Pterocarpus santalinus</i>	Plant				--
<i>Psidium guajava</i>	Fruit				--
<i>Prunella vulgaris</i>	Plant				--
<i>Polygala tenuifolia</i>	Root				--
<i>Plumeria acutifolia</i>	Latex Exudate				--
<i>Plantago ovata</i>	Seed				--
<i>Pisum sativum</i>	Seed				--
<i>Pimpinella anisum</i>	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
<i>Pimpinella anisum</i>	Plant				--
<i>Phragmites australis</i>	Shoot				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Phoenix dactylifera</i>	Pollen Or Spore				Abstract (See species file)
<i>Panax ginseng</i>	Seed Oil				--
<i>Panax quinquefolius</i>	Seed Oil				--
<i>Olea europaea</i>	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Oenothera biennis</i>	Inflorescence				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Oenothera biennis	Fruit				--
Oenothera biennis	Seed	47.0	100.0		--
Nigella sativa	Seed Oil				--
Myrica cerifera	Stem				--
Myrica cerifera	Fruit				--
Myrica cerifera	Leaf				--
Morus alba	Root Bark				--
Momordica charantia	Seed Oil				Jim Duke's personal files.
Mitchella repens	Plant				--
Mirabilis jalapa	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Medicago sativa	Plant				--
Medicago sativa	Seed Essent. Oil				--
Medicago sativa	Fruit		15.0		--
Lycopersicon esculentum	Fruit				--
Ligustrum japonicum	Flower				--
Lactuca scariola	Plant				--
Lactuca virosa	Plant				--
Kalanchoe pinnata	Leaf				--
Juniperus communis	Stem				--
Jatropha curcas	Bark				--
Iris x germanica	Rhizome				--
Ilex paraguariensis	Leaf				--
Hypericum perforatum	Shoot				--
Hemidesmus indicus	Root				--
Helianthus annuus	Seed				--
Gossypium sp	Plant				--
Glycyrrhiza glabra	Tissue Culture				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycyrrhiza glabra	Root				--
Glycine max	Seed				--
Glycine max	Sprout Seedling				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Glechoma hederacea	Plant				--
Gentiana lutea	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Gaultheria procumbens	Shoot				--
Gaultheria procumbens	Leaf				--
Ficus carica	Leaf				--
Fagopyrum esculentum	Seed				--
Euphorbia hirta	Plant				--
Euphorbia pulcherrima	Plant				--
Eupatorium odoratum	Leaf				Tramil
Eucalyptus globulus	Wood		9.0		--
Erythroxylum coca	Leaf				--
Duchesnea indica	Plant				--
Daucus carota	Root				--
Cucumis sativus	Fruit				--
Cucumis melo	Seed				Chemical Constituents of Oriental Herbs (3 diff. books)
Cocos nucifera	Seed Oil				Jim Duke's personal files.
Coccinia grandis	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Cichorium intybus	Seed				--
Chrysanthemum cinerariifolium	Flower				--
Chrysanthemum x morifolium	Flower				Wealth of India.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Chimaphila umbellata</i>	Plant	2100.0	2125.0	1.0	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Centaurium erythraea</i>	Plant				--
<i>Centaurea calcitrapa</i>	Plant				--
<i>Capsicum annuum</i>	Seed				--
<i>Camellia japonica</i>	Seed				Wealth of India.
<i>Camellia sinensis</i>	Seed Oil		76.0		--
<i>Camellia japonica</i>	Leaf				Wealth of India.
<i>Calotropis sp.</i>	Bark				--
<i>Calendula officinalis</i>	Flower				--
<i>Brassica oleracea var. italica</i>	Bud				Jim Duke's personal files.
<i>Brassica oleracea var. botrytis l.</i>	Flower				--
<i>Brassica oleracea var. botrytis l.</i>	Bud				--
<i>Boswellia serrata</i>	Resin, Exudate, Sap				--
<i>Bidens pilosa</i>	Plant		307.5	-1.0	Jim Duke's personal files.
<i>Asclepias syriaca</i>	Sprout Seedling				--
<i>Artemisia annua</i>	Plant				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia,344pp.Maffei,M. (Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis,NY,NY,1991pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands .
<i>Arctostaphylos uva-ursi</i>	Leaf				--
<i>Arctium lappa</i>	Plant				Jim Duke's personal files.
<i>Arctium lappa</i>	Leaf				--
<i>Albizia lebbeck</i>	Flower				Wealth of India.
<i>Aesculus hippocastanum</i>	Seed Oil				Jim Duke's personal files.
<i>Aesculus hippocastanum</i>	Bark				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia senegal	Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
Acacia nilotica	Root				--
Acacia leucophloea	Plant				--